

Detailed Measurements

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
Date of Measurement : 15/5/2019, 7/6/2019, 6/6/2020, 24/6/2020 & 3/7/2020							
I	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.						
	Ward no. 09						
	Nanjappa Circle						
	MH-1 to MH2	1	12.70	1.20	1.50	22.86	
	MH-2 to MH3	1	26.00	1.20	1.50	46.80	
	MH-3 to MH4	1	27.20	1.20	1.50	48.96	
	MH-4 to MH5	1	14.20	1.20	1.50	25.56	
	Virupakshapura, Maruthi Badavane						
	MH-1 to MH2	1	23.50	1.20	1.50	42.30	
	MH-2 to MH3	1	24.40	1.20	1.50	43.92	
	MH-3 to MH4	1	28.90	1.20	1.50	52.02	
	MH-4 to MH5	1	27.00	1.20	1.50	48.60	
	MH-5 to MH6	1	25.60	1.20	1.50	46.08	
	MH-6 to MH7	1	27.70	1.20	1.50	49.86	
	MH-7 to MH8	1	30.00	1.20	1.50	54.00	
	MH-8 to MH79	1	3.60	1.20	1.50	6.48	
		1	26.30	1.20	1.50	47.34	
	Virupakshapura, Buddhi Jyothi Badavane						
	MH-0 to MH1	1	26.00	1.20	1.50	46.80	
	MH-1 to MH2	1	6.40	1.20	1.50	11.52	
	MH-2 to MH3	1	20.10	1.20	1.50	36.18	
	MH-3 to MH4	1	30.00	1.20	1.50	54.00	
	MH-4 to MH5	1	2.50	1.20	1.50	4.50	
	MH-1 to MHA	1	13.40	1.20	1.50	24.12	
	MHA to End	1	23.80	1.40	1.50	49.98	
	MH-2 to MHB	1	3.80	1.40	1.50	7.98	
	MH-3 to MHC	1	20.80	1.40	1.50	43.68	
	MH-4 to MHD	1	20.90	1.40	1.50	43.89	
	MH-4 to MHD	1	21.20	1.40	1.50	44.52	
	Vidyaranyapura Last Bus Stop						
	MH-0 to MH1	1	30.00	1.30	1.50	58.50	

960.45

Executive Engineer,
Contractor Division,
GDL, BBMP, Bangalore

Asst. Engineer 3/7/2020

Asst. Executive Engineer
Project Division
Kalyanaka Zone

2

OF 960.45

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	6.90	1.30	1.50	13.46	
	MH-1 to MH2	1	5.70	1.30	1.50	11.12	
	Munibhyrappa layout						
	MH-1 to MH2	1	30.00	1.30	1.50	58.50	
		1	8.50	1.30	1.50	16.58	
	MH-2 to MH3	1	30.00	1.30	1.50	58.50	
		1	30.00	1.30	1.50	58.50	
		1	4.30	1.30	1.50	8.39	
	MH-2 to MH-A	1	30.00	1.30	1.50	58.50	
		1	4.00	1.30	1.50	7.80	
	Connecting to Munishamaapa layout						
		1	21.20	1.30	1.50	41.34	
	Munishamappa layout						
	MH-1 to MH2	1	30.00	1.30	1.50	58.50	
		1	11.30	1.30	1.50	22.04	
	MH-2 to MH-3	1	15.50	1.30	1.50	30.23	
	MH-3 to MH-4	1	29.90	1.30	1.50	58.31	
	MH-4 to MH-5	1	30.00	1.30	1.50	58.50	
		1	0.80	1.30	1.50	1.56	
	MH-5 to MH-6	1	30.00	1.30	1.50	58.50	
		1	0.50	1.30	1.50	0.98	
	MH-6 to Park gate	1	11.30	1.20	1.50	20.34	
Present Qty						1602.06	Cum

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Executive Engineer,
Factor Sub-Division,
BMP, Bangalore

Asst. Engineer 3/7/2020

Asst. Exec. Engineer
Project Division

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	11.30			11.30	
	MH-2 to MH-3	1	15.50			15.50	
	MH-3 to MH-4	1	29.90			29.90	
	MH-4 to MH-5	1	30.00			30.00	
		1	0.80			0.80	
	MH-5 to MH-6	1	30.00			30.00	
		1	0.50			0.50	
	MH-6 to Park gate	1	11.30			11.30	
Present Qty						628.90	m

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66/220

Signature

Asst. Executive Engineer,
G. Nagar, Sub-Division,
BBMP, Bangalore

Signature

Asst. Engineer 6/7/2020

Signature

Asst. Executive Engineer
Project Division
Yelahanka Zone
Asst. Exec. Engineer
BBMP, Bangalore - 92

5

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Date of Measurement : 9/7/2020 & 17/07/2020 .						
3	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing, including cost of materials, labour, HOM complete as per specifications.						
	Ward no. 09						
	Virupakshapura, Maruthi Badavane						
	MH-1 to MH2	1	23.50			23.50	
	MH-2to MH3	1	24.40			24.40	
	MH-3 to MH4	1	28.90			28.90	
	MH-4 to MH5	1	27.00			27.00	
	MH-5 to MH6	1	25.60			25.60	
	MH-6 to MH7	1	27.70			27.70	
	MH-7 to MH8	1	30.00			30.00	
		1	3.60			3.60	
	MH-8 to MH79	1	26.30			26.30	
	Present Qty					217.00	m

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17/07/2020

217.00

Asst. Executive Engineer,
Sub-Division,
BMP, Bangalore

Asst. Engineer 17/07/2020

Asst. Executive Engineer
Asst. Exec. Engineer
Project Division
Yelahanka

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Date of Measurement : 14/06/2019, 20/6/2019, 19/06/2020 & 22/7/2020							
6	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications						
	Ward no. 09						
	Nanjappa Circle						
	MH-1 to MH2	1	12.70	1.20	1.20	18.29	
	MH-2to MH3	1	26.00	1.20	1.20	37.44	
	MH-3 to MH4	1	27.20	1.20	1.20	39.17	
	MH-4 to MH5	1	14.20	1.20	1.20	20.45	
	Virupakshapura, Maruthi Badavane						
	MH-1 to MH2	1	23.50	1.20	1.20	33.84	
	MH-2to MH3	1	24.40	1.20	1.20	35.14	
	MH-3 to MH4	1	28.90	1.20	1.20	41.62	
	MH-4 to MH5	1	27.00	1.20	1.20	38.88	
	MH-5 to MH6	1	25.60	1.20	1.20	36.86	
	MH-6 to MH7	1	27.70	1.20	1.20	39.89	
	MH-7 to MH8	1	30.00	1.20	1.20	43.20	
	MH-8 to MH79	1	3.60	1.20	1.20	5.18	
	MH-8 to MH79	1	26.30	1.20	1.20	37.87	
	Virupakshapura, Buddhi Jyothi Badavane						
	MH-0 to MH1	1	26.00	1.20	1.20	37.44	
	MH-1 to MH2	1	6.40	1.20	1.20	9.22	
	MH-2to MH3	1	20.10	1.20	1.20	28.94	
	MH-3 to MH4	1	30.00	1.20	1.20	43.20	
	MH-4 to MH5	1	2.50	1.20	1.20	3.60	
	MH-4 to MH5	1	13.40	1.20	1.20	19.30	
	MH-1 to MHA	1	23.80	1.40	1.20	39.98	
	MHA to End	1	3.80	1.40	1.20	6.38	
	MH-2 to MHB	1	20.80	1.40	1.20	34.94	
	MH-3 to MHC	1	20.90	1.40	1.20	35.11	
	MH-4 to MHD	1	21.20	1.40	1.20	35.62	
	Vidyaranyapura Last Bus Stop						
	MH-0 to MH1	1	30.00	1.30	1.10	42.90	
	MH-1 to MH2	1	6.90	1.30	1.10	9.87	
	MH-1 to MH2	1	5.70	1.30	1.10	8.15	
	Munibhyrappa layout						
	MH-1 to MH2	1	30.00	1.30	1.20	46.80	
	MH-2 to MH3	1	8.50	1.30	1.20	13.26	
	MH-2 to MH3	1	30.00	1.30	1.20	46.80	

889.24

Executive Engineer,
Tractor, Sub-Division,
KRD, BBMP, Bangalore

K. Suresh
Asst. Engineer 22/7/2020

Asst. Executive Engineer
Project Division

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	1.30	1.20	46.80	
		1	4.30	1.30	1.20	6.71	
	MH-2 to MH-A	1	30.00	1.30	1.20	46.80	
		1	4.00	1.30	1.20	6.24	
	Connecting to Manishamanga layout						
		1	21.20	1.30	1.20	33.07	
	Manishamanga layout						
	MH-1 to MH-2	1	30.00	1.30	1.20	46.80	
		1	11.30	1.30	1.20	17.63	
	MH-2 to MH-3	1	15.50	1.30	1.20	24.18	
	MH-3 to MH-4	1	29.90	1.30	1.20	46.64	
	MH-4 to MH-5	1	30.00	1.30	1.20	46.80	
		1	0.80	1.30	1.20	1.25	
	MH-5 to MH-6	1	30.00	1.30	1.20	46.80	
		1	0.50	1.30	1.20	0.78	
	MH-6 to MH-7	1	11.50	1.20	1.20	16.56	
Present Qty						1276.40	m

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22/2/2020

Executive Engineer,
Nagar, Sub-Division,
Bangalore

Asst. Engineer 22/7/2020

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

Name of Work: UGD Works in Ward No. 09

Detailed Measurements

Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
KSRB 12-1.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m wide, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.								
Pre-measurement sheet no. (1) to (2)					1602.06			
Present Qty	1602.06	Cum	316.94	507756.90				
KSRB 12-1.4 : Providing and laying in position to required level or slope 230mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications.								
Pre-measurement sheet no. (3) to (4)					628.90			
Present Qty	628.90	m	568.16	357315.82				
Providing and laying reinforced cement concrete pipe NP3 for culverts including jointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing, including cost of materials, labour, HOM complete as per specifications.								
Pre-measurement sheet no. (5)					217.00			
Present Qty	217.00	m	1626.04	352850.68				

Asst. Executive Engineer,
Sub-Division,
BBMP, Bangalore

Asst. Engineer 30/7/2020

Asst. Executive Engineer
Project Division
Yelahanka Zone

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Date of Measurement : 30-08-2020								
4	KSRB 12-5.4 : Constructing brick masonry circular type manhole 1.22 m internal dia at bottom, 1.68 m deep and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size								
	Ward no. 09								
	Nanjappa Circle								
		5				5.00			
	Virupakshapura, Buddhi Jyothi Badavane								
		9				9.00			
	Vidyaranyapura Last Bus Stop	9				9.00			
	Munibhyrappa layout	4				4.00			
	Munishamappa layout	6				6.00			
Present Qty						33.00	Nos	31077.08	1025543.64

Kundress
30/08/2020

Kundress
Assistant Executive Engineer,
R.B. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Asst. Engineer

Kundress
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Date of Measurement : 30-08-2020								
5	KSRB15-3 : Providing 15mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications- do - cement mortar 1:4								
	Ward no. 09								
	Nanjappa Circle								
		5	1.50		0.25	1.88			
	Virupakshapura, Buddhi Jyothi Badavane								
	moshi Badavane	9	1.50		0.25	3.38			
	Vidyaranyapura Last Bus Stop								
		9	1.50		0.25	3.38			
	Munibhyrappa layout								
		4	1.50		0.25	1.50			
	Munishamappa layout								
		6	1.50		0.25	2.25			
Present Qty						12.38	Sqm	234.26	2898.97

6	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per				
	Pre-measurement sheet no. (6) to (7)	1276.40			
	Present Qty	1276.40	Cum	128.26	163710.81

K. Sundaresan
JB
30/08/2020

K. Sundaresan
Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
Contractor RRMP, Bangalore

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
RRMP Bangalore